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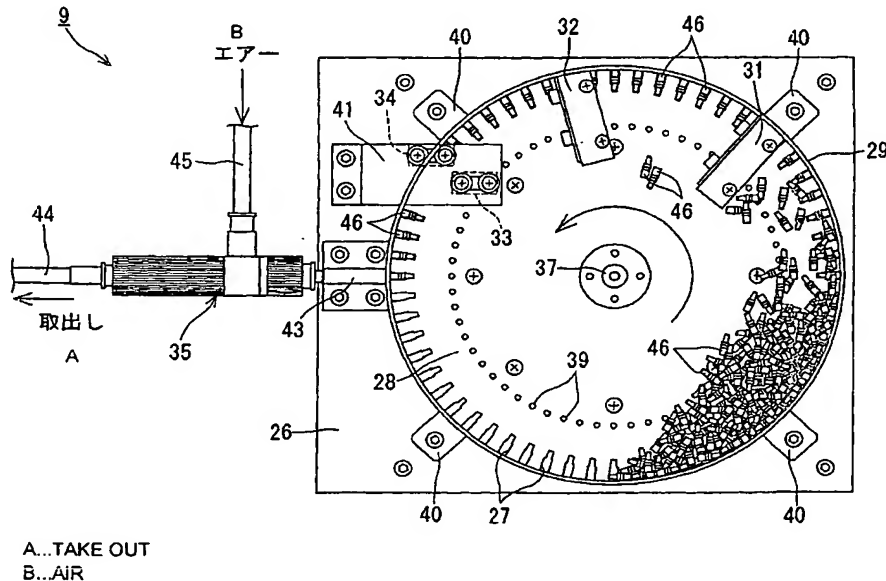
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(22) 国際出願日: 2004 年 3 月 30 日 (30.03.2004) (KODERA, Hiroshi) [JP/JP]; 〒5020932 岐阜県岐阜市
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(26) 国際公開の言語: 日本語 (74) 代理人: 前田 勘次 (MAEDA, Kanji); 〒5090108 岐阜
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地の 8 Gifu (JP). (81) 指定国 (表示のない限り、全ての種類の国内保護が
可能): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,

[続葉有]

(54) Title: PARTS FEEDER AND TERMINAL PRESS-CONNECTION DEVICE

(54) 発明の名称: パーツフィーダ及び端子圧着装置



(57) Abstract: Receiving recesses (27) are formed in a radial pattern in an outer peripheral portion of a disc-like rotating body (28). The rotating body (28) is rotatably attached to a base (26), and a hollow-cylindrical cover (29) is provided on the outer periphery of the rotating body (28). At the more downstream side in the rotational direction of the rotating body than a receiving region where waterproof seals (46) are received in the receiving recesses (27), a first brush (31) and a second brush (32) are installed on the cover (29). At the further downstream side, detection means and a take-out device (35) are installed on the base (26) in that order toward the downstream side.

(57) 要約: 円盤状の回転体 (28) の外周部に収容凹部 (27) を放射状に複数形成する。ベース (26) に回転体 (28) を回転可能に取り付けると共に、回転体 (28) の外周外側には円筒状の力

[続葉有]



SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- (84) 指定国 (表示のない限り、全ての種類の広域保護が可能): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,

添付公開書類:

— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイダンスノート」を参照。

バー（２９）を設ける。防水シール（４６）を收容凹部（２７）に收容する收容領域から回転体の回転方向の下流側に、第一ブラシ（３１）、第二ブラシ（３２）をカバー（２９）に取り付け、更に下流側に、検出手段、取出装置（３５）をベース（２６）に順次取り付ける。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/004574

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ B65G47/14, H01R43/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ B65G47/14, H01R43/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 77805/1988 (Laid-open No. 1286/1990) (Kabushiki Kaisha Ketto Kagaku Kenkyusho), 08 January, 1990 (08.01.90), (Family: none)	1-6
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 33422/1985 (Laid-open No. 151917/1986) (Oshimo Sangyo Kabushiki Kaisha), 19 September, 1986 (19.09.86), (Family: none)	1-6

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search
10 June, 2004 (10.06.04)

Date of mailing of the international search report
29 June, 2004 (29.06.04)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/004574

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/05048 A1 (Matsushita Electric Industrial Co., Ltd.), 13 February, 1997 (13.02.97), "proximate sensor (11)" & US 5826697 A	4
Y	JP 2-75182 A (Yazaki Corp.), 14 March, 1990 (14.03.90), & US 5007164 A & EP 359151 A2	6